

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-155390

(43)Date of publication of application : 22. 06. 1993

(51)Int. CI.

B64D 11/02

E03D 13/00

(21)Application number : 03-350234

(71)Applicant : TOTO LTD  
JAPAN AIRLINES CO LTD

(22)Date of filing : 09. 12. 1991

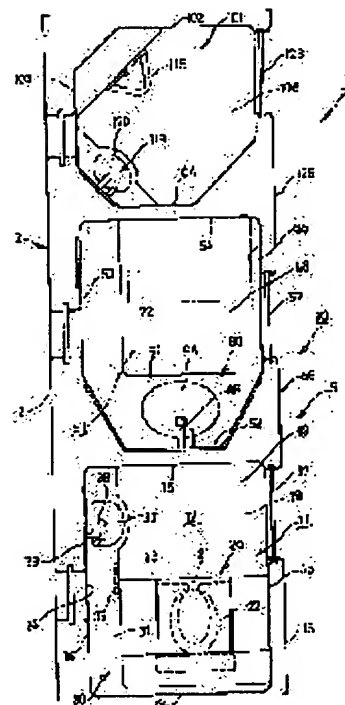
(72)Inventor : NAKAMURA FUTOSHI  
TAKIZAKI MIYUKI  
TAKAGI HARUYUKI

## (54) LAVATORY IN AIRCRAFT

## (57)Abstract:

PURPOSE: To provide a lavatory which is functional, sanitary, and easy handling by constituting the lavatory as at least one toilet room and a washing and dressing room based on their functions, and also constitution the rooms as separate independent rooms.

CONSTITUTION: The lavatory 10 of an aircraft 1 is constituted as at least one toilet room 11, 101 and a washing and dressing room 51 based on their functions and the rooms 11, 101, and 51 are constituted as separate independent rooms. In addition, the toilet room 11, 101 are constituted as a stool 11 and a urinal 101 which are constituted as separate independent rooms. In this lavatory, the rooms 11, 51, and 101 are adjacently disposed in this order in the longitudinal direction on the sidewall 3 side of the aircraft. This constitution provides a lavatory which is functional, sanitary, and easy handling and has a good maintainability including cleanability.



## LEGAL STATUS

[Date of request for examination] 27. 11. 1998

[Date of sending the examiner's decision of rejection] 21. 08. 2001

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

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DETAILED DESCRIPTION

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[Detailed Description of the Invention]

[0001]

[Industrial Application] This invention relates to the lavatory furnished to the aircrafts for [ for long-distance operation ] large-sized passengers etc.

[0002]

[Description of the Prior Art] the lavatory furnished to the aircraft for passengers -- both short distance operation and long-distance operation -- although -- it was constituted as a toilet room of urine-and-feces combination, and devices, such as a washbasin, a mirror for makeup, and a dust box, were arranged in the interior, the interior is very narrow and its projection has also increased in number inevitably.

[0003]

[Problem(s) to be Solved by the Invention] Since functions, such as stools, urine, and washing-their-face makeup, gather and are formed, the lavatory of the above conventional passenger aircraft has the narrow interior of a room, and its user-friendliness nature is very bad. Since it may fly by the aircraft for the passengers for long-distance operation especially for about ten hours or more, a passenger cannot but change his clothes and washing their face, makeup, toothbrushing, etc. cannot but perform grooming usually performed in the washing-its-face toilet within a very narrow toilet room in the present condition.

[0004] By the way, since boy urine is combination, a floor line and a toilet bowl periphery become dirty by the shake under flight etc. in many cases, and on the occasion of use of grooming of passengers other than the above-mentioned stool etc., the toilet room of the above-mentioned aircraft is insanitary, and cannot be comfortably used with a dirty feeling, but is inconvenient.

[0005]

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CLAIMS

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[Claim(s)]

[Claim 1] It is the lavatory of the aircraft which constitutes the above-mentioned lavatory from at least one toilet room and a washing-its-face makeup room in a functional order in the lavatory furnished in the aircraft, and is characterized by what the above-mentioned toilet room and the washing-their-face makeup room were constituted for as a room which divided and became independent mutually.

[Claim 2] The above-mentioned toilet room is the lavatory of the aircraft of claim 1 which consisted of an object for stools, and an object for boy urine, and was constituted as a room which divided the toilet room for stools, and the toilet room for urine mutually, and became independent.

[Claim 3] The above-mentioned toilet room and a washing-their-face makeup toilet room are the lavatory of the aircraft of claim 1 which adjoined the cross direction (longitudinal direction of the aircraft) and was arranged in the side-attachment-wall side of the aircraft.

[Claim 4] The above-mentioned lavatory is a lavatory of the aircraft of claim 1 which was the order of the toilet room for stools, a washing-its-face makeup room, and the room for urine, adjoined the cross direction (longitudinal direction of the aircraft) and was arranged in the side-attachment-wall side of the aircraft.

[Claim 5] The above-mentioned lavatory is a lavatory of claims 1, 2, and 3 which were the insides of the side attachment wall of right and left of an airframe, faced across the path of pars intermedia and established it in right and left symmetrically, or the aircraft of 4.

[Claim 6] The above-mentioned toilet room and a washing-their-face makeup room are the lavatory of claims 1, 2, and 3 which the floor line constituted in the plane view \*\*\*\* rectangle, or the aircraft of 4.

[Claim 7] The device furnished in the above-mentioned toilet room and a washing-its-face makeup room is the lavatory of claims 1, 2, and 3 currently estranged and arranged in the upper part from the floor line, or the aircraft of 4.

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[Translation done.]

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DESCRIPTION OF DRAWINGS

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[Brief Description of the Drawings]

[Drawing 1] The explanatory \*\* type top view of the lavatory of the aircraft concerning this invention

[Drawing 2] The explanatory top view of the aircraft which fractured the lavatory part

[Drawing 3] The explanatory perspective view of the toilet room for stools which constitutes a part of lavatory

[Drawing 4] The explanatory perspective view of the washing-its-face makeup room which constitutes a part of lavatory

[Drawing 5] The crossing top view of the above-mentioned washing-its-face makeup room

[Drawing 6] Drawing of the view 6 direction of drawing 5 having shown the above-mentioned washing-its-face makeup room

[Drawing 7] The 7-7 line sectional view of drawing 5 having shown the above-mentioned washing-its-face makeup room

[Drawing 8] The explanatory perspective view of the toilet room for boy urine which constitutes a part of lavatory

[Drawing 9] The crossing top view of the above-mentioned toilet room for boys

[Drawing 10] The 10-10 line sectional view of drawing 9 showing the above-mentioned toilet room for boys

[Description of Notations]

1 -- Aircraft 2 -- Airframe 3 -- Side attachment wall of an airframe 4 -- Path 10 -- Lavatory 11,101 -- Toilet room 11 -- Toilet room for stools 101 -- Toilet room for boy urine 51 -- Washing-its-face makeup room 19 58,106 -- Floor.

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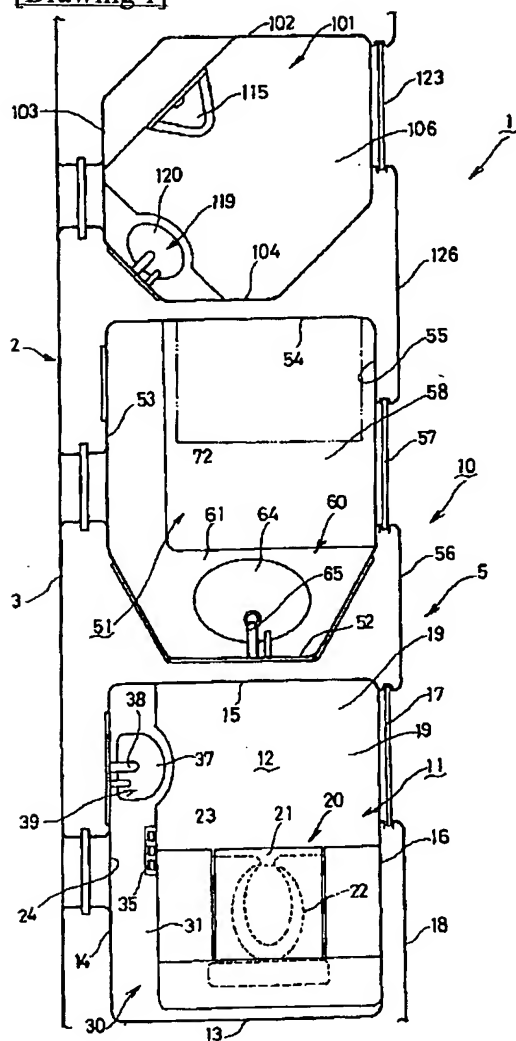
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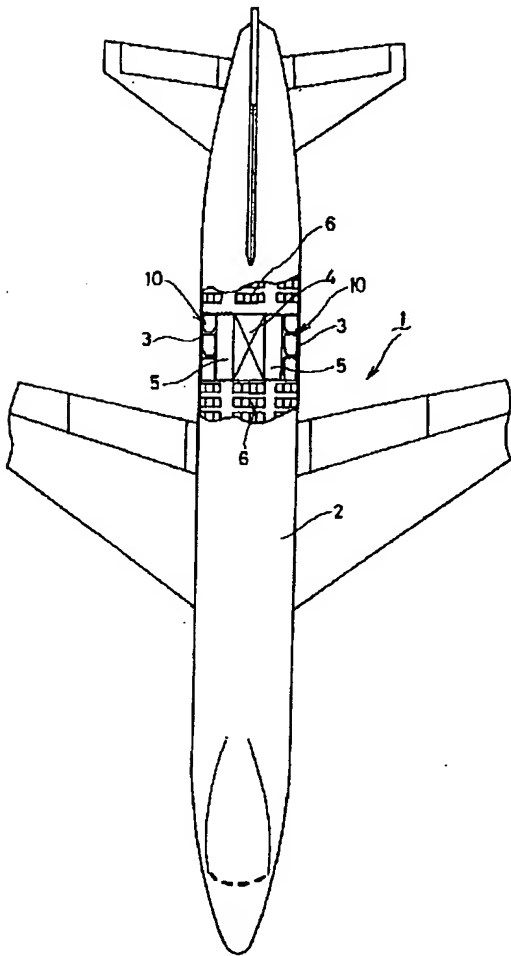
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## DRAWINGS

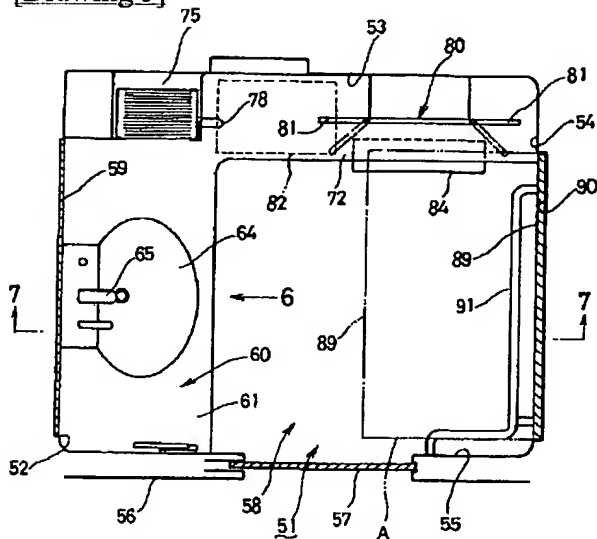
[Drawing 1]



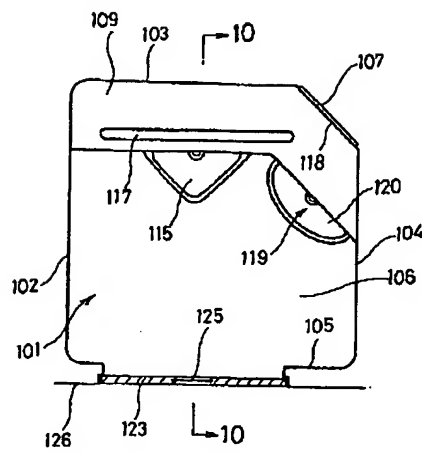
[Drawing 2]



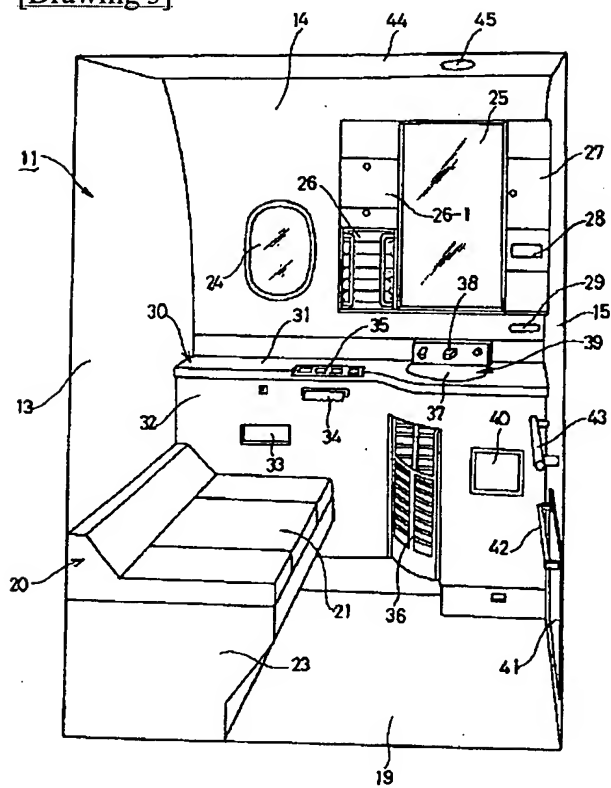
[Drawing 5]



[Drawing 9]

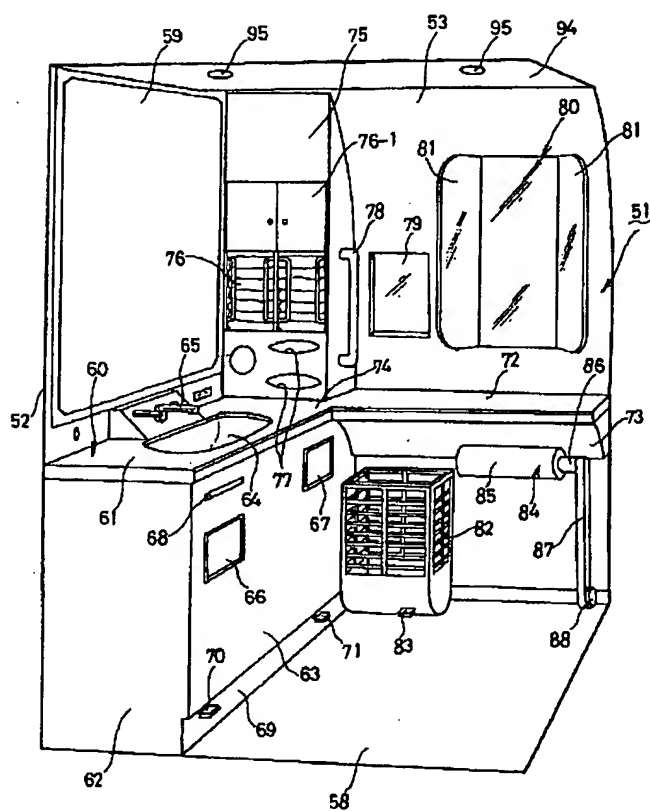


[Drawing 3]

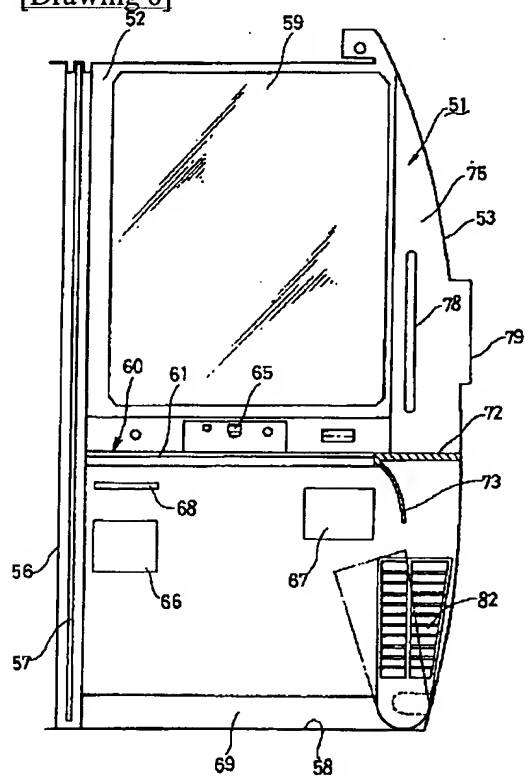


[Drawing 4]

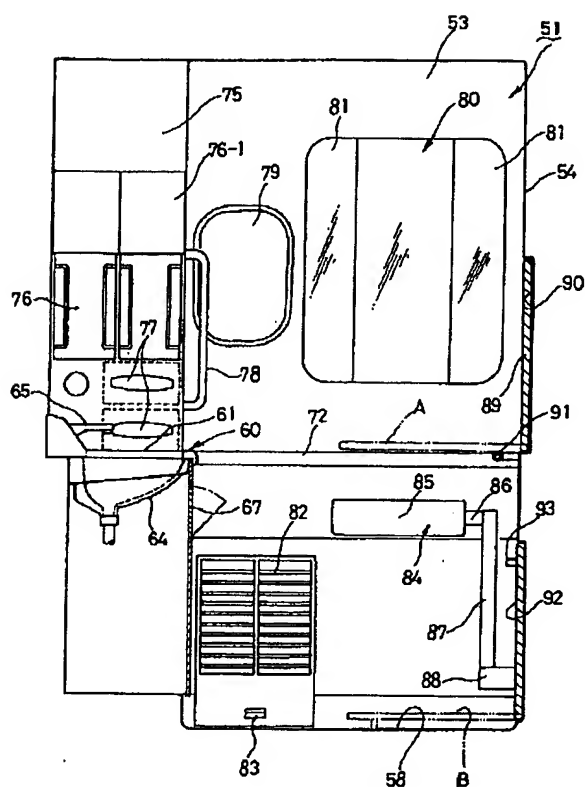




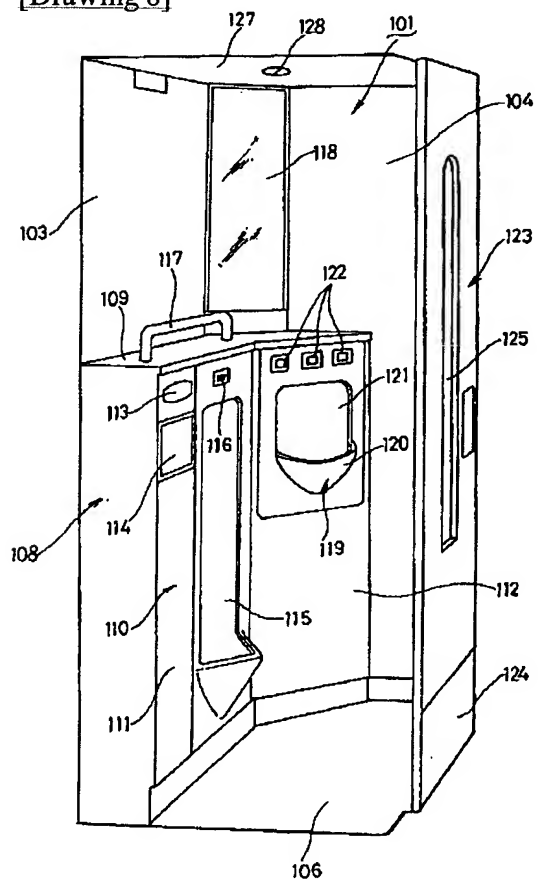
[Drawing 6]



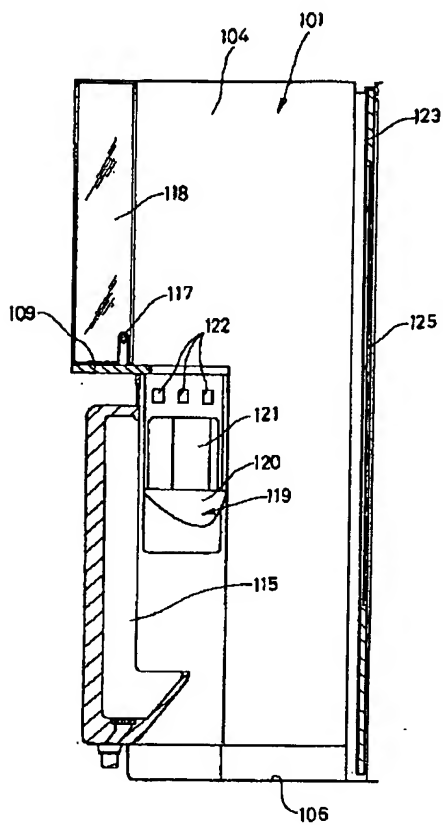
[Drawing 7]



[Drawing 8]



[Drawing 10]



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